

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## 6M Final Tier 4 (FT4) MY20 Series Tractors – 6130M, 6140M, 6145M



**ENGINE**  
**DEF LINE FILTER** [DZ110513](#)  
 Replace after every 4500 hours or 3 years, whichever occurs first.

**ENGINE**  
**DEF INJECTION PUMP FILTER** [DZ114640](#)  
 Replace after every 4500 hours or 3 years, whichever occurs first.

**ENGINE**  
**PRIMARY FUEL FILTER** [DZ115389](#)  
**FINAL FUEL FILTER** [DZ115390](#)  
 Replace after every 500 hours.

**ENGINE**  
**SECONDARY AIR FILTER** [AL215054](#)  
 Replace at every fourth change of Primary Air Filter, or after 4500 hours or 2 year, whichever occurs first.

**ENGINE**  
**PRIMARY AIR FILTER**  
[AL215055](#) (6130M - 6140M)  
[AL215053](#) (6145M)  
 Replace after every 1500 hours, or 2 years whichever occurs first, or if the relevant information is displayed on the CommandCenter™.

**FRONT PTO**  
**OIL FILTER** [DE30500](#)  
 Replace after every 500 hours.

**ENGINE**  
**CRANKCASE VENTILATION FILTER**  
[DZ105100](#)  
 Replace after every 500 hours.

**CAB**  
**FRESH AIR FILTER (QTY 2)**  
[AL225552](#)  
 Replace after every 1500 hours, or 2 years, or with Engine Primary Air Filter, whichever occurs first.  
**(ACTIVATED CARBON KIT)** [AL158986](#)  
 Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

**CAB**  
**RECIRCULATION AIR FILTER (QTY 2)**  
[L214634](#)  
 Replace after every 1500 hours, or 2 years, or with Engine Primary Air Filter, whichever occurs first.  
**(ACTIVATED CARBON KIT)** [AL158986](#)  
 Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

**HYDRAULICS**  
**OIL FILTER** [AL169573](#)  
 Replace after first 100 hours then after first 500 hours and every 500 hours thereafter. Change Transmission Oil Filter as well.

**TRANSMISSION**  
**OIL FILTER** [AL221066](#)  
 Replace after first 100 hours then after first 500 hours and every 500 hours thereafter. Change Transmission Oil Filter as well.

**ENGINE**  
**OIL FILTER** [RE504836](#)  
 Replace after first 100 hours and every 500 hours thereafter or annually. The extended 500 hour interval is only allowed if using Plus-50™ II oil, JD OEM Oil Filter and diesel fuel with sulfur content less than 15mg/kg (15 ppm). Change Oil and Filter after every 250 hours, if conditions are not met.



[https://www.deere.com/en\\_US/parts/parts\\_by\\_industry/ag/fmi/filter\\_maintenance\\_information.page](https://www.deere.com/en_US/parts/parts_by_industry/ag/fmi/filter_maintenance_information.page)

# CAPACITIES

## 6M Final Tier 4 (FT4) MY20 Series Tractors – 6130M, 6140M, 6145M

### CAPACITIES (Approximate):

#### Fuel Tank:

6130M, 6140M.....	225 L (59.4 gal)
6145M.....	265 L (70.0 gal)

#### DEF Tank:

##### John Deere Diesel Exhaust Fluid™

6130M, 6140M.....	13 L (3.4 gal)
6145M.....	16 L (4.2 gal)

#### Cooling System:

##### Cool-Gard™ II

6130M, 6140M.....	22 L (5.8 gal)
6145M.....	27 L (7.1 gal)

#### Crankcase:

##### Plus-50™ II

.....	16 L (4.2 gal)
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#### Transmission / Hydraulics:

##### Hy-Gard™

Transmission .....	60 L (15.9 gal)
Extra with creeper.....	2 L (0.5 gal)
Extra with front-wheel drive .....	3 L (0.8 gal)
Extra with additional oil reservoir.....	14 L (3.7 gal)

#### Front PTO:

.....	2.6 L (0.7 gal)
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#### Front-wheel Drive:

##### Hy-Gard™

##### 6130M, 6140M

Axle housing .....	6.4 L (1.7 gal)
Final drives, per side (with brake).....	1.4 L (0.37 gal)
Final drives, per side (without brake).....	0.8 L (0.21 gal)

##### 6145M

Axle housing (with TLS™) .....	10.0 L (2.6 gal)
Axle housing (without TLS™).....	9.2 L (2.4 gal)
Final drives, per side (with brake).....	2.4 L (0.63 gal)
Final drives, per side (without brake).....	2.2 L (0.58 gal)

#### Air-conditioning System:

R134a Refrigerant .....	1225 - 1275 g (2.70 - 2.81 lb)
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